

CRF Errors Corrected by the STIC System, Branch

05 90

Serial Number: 10/038,010

CRF Processing Date: 8/6/02

0730

Edited by:

Verified by:

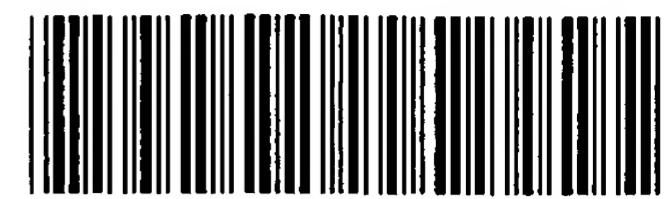
DC

(STIC staff)

- Changed a file from non-ASCII to ASCII
- Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- Edited a format error in the Current Application Data section, specifically: UNTERED
-
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____.
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically:
-
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
-
- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
-
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included:
-
- Deleted extra, invalid, headings used by an applicant, specifically:
-
- Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____.
- Inserted mandatory headings, specifically:
-
- Corrected an obvious error in the response, specifically:
-
- Edited identifiers where upper case is used but lower case is required, or vice versa.
- Corrected an error in the Number of Sequences field, specifically:
-
- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- Other:
-
-
-
-

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/038,010

DATE: 08/06/2002
TIME: 13:16:30

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\08062002\J038010.raw

3 <110> APPLICANT: HYBRIGENICS
4 Pierre, Legrain
6 <120> TITLE OF INVENTION: Protein-protein interactions in adipocyte cells
8 <130> FILE REFERENCE: B4767A
10 <140> CURRENT APPLICATION NUMBER: US 10/038,010
C--> 11 <141> CURRENT FILING DATE: 2002-07-23
13 <150> PRIOR APPLICATION NUMBER: US 60/259,377
14 <151> PRIOR FILING DATE: 2001-01-02
16 <160> NUMBER OF SEQ ID NOS: 67
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 492
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <220> FEATURE:
26 <221> NAME/KEY: gene
27 <222> LOCATION: (1)..(492)
28 <223> OTHER INFORMATION: Human Skp1 : Part of SCF (Skp1/Cullin/F-box) complexes which

act

29 as E3 Ubiquitin ligases.

32 <400> SEQUENCE: 1
33 atgccttcaa ttaagttgca gagttctgat ggagagatat ttgaagttga tgtggaaatt 60
35 gccaaacaat ctgtaactat taagaccatg ttggaagatt tggaatgga tcatgaagga 120
37 gatgatgacc cagttcctct accaaatgtg aatgcagcaa tattaaaaaa ggtcattcag 180
39 tggcaccacc accacaagga tgaccctcct cctcctgaag atgatgagaa caaagaaaag 240
41 cggacagatg atatccctgt ttggaccaa gaattcctga aagttgacca aggaacactt 300
43 tttaactca ttctggctgc aaactactta gacatcaaag gtttgcttga ttttacatgc 360
45 aagactgttgc caaatatgtt caagggaaa actcctgagg agattcgcaa gaccttcaat 420
47 atcaaaaatg actttactga agaggagggaa gcccaggtac gcaaagagaa ccagtggtgt 480
49 gaagagaagt ga 492

52 <210> SEQ ID NO: 2

53 <211> LENGTH: 163

54 <212> TYPE: PRT

55 <213> ORGANISM: Homo sapiens

57 <220> FEATURE:

W--> 58 <221> NAME/KEY: Skp1

59 <222> LOCATION: (1)..(163)

60 <223> OTHER INFORMATION:

63 <400> SEQUENCE: 2

65 Met Pro Ser Ile Lys Leu Gln Ser Ser Asp Gly Glu Ile Phe Glu Val

66 1 5 10 15

69 Asp Val Glu Ile Ala Lys Gln Ser Val Thr Ile Lys Thr Met Leu Glu

70 20 25 30

73 Asp Leu Gly Met Asp Asp Glu Gly Asp Asp Asp Pro Val Pro Leu Pro

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Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\08062002\J038010.raw

74	35	40	45	
77	Asn Val Asn Ala Ala Ile Leu Lys Lys Val Ile Gln Trp Cys Thr His			
78	50	55	60	
81	His Lys Asp Asp Pro Pro Pro Glu Asp Asp Glu Asn Lys Glu Lys			
82	65	70	75	80
85	Arg Thr Asp Asp Ile Pro Val Trp Asp Gln Glu Phe Leu Lys Val Asp			
86	85	90	95	
89	Gln Gly Thr Leu Phe Glu Leu Ile Leu Ala Ala Asn Tyr Leu Asp Ile			
90	100	105	110	
93	Lys Gly Leu Leu Asp Val Thr Cys Lys Thr Val Ala Asn Met Ile Lys			
94	115	120	125	
97	Gly Lys Thr Pro Glu Glu Ile Arg Lys Thr Phe Asn Ile Lys Asn Asp			
98	130	135	140	
101	Phe Thr Glu Glu Glu Ala Gln Val Arg Lys Glu Asn Gln Trp Cys			
102	145	150	155	160
105	Glu Glu Lys			
109	<210> SEQ ID NO: 3			
110	<211> LENGTH: 1917			
111	<212> TYPE: DNA			
112	<213> ORGANISM: Homo sapiens			
114	<220> FEATURE:			
115	<221> NAME/KEY: gene			
116	<222> LOCATION: (1)..(1917)			
117	<223> OTHER INFORMATION: Human Splicing Factor 1			
120	<400> SEQUENCE: 3			
121	atggcgaccg gagcgaacgc cacgccgtt gacttccaa gtaagaagcg gaaggaggac	60		
123	cgcttggacc aagacacaat ggaacagaag acagtgattc caggaatgcc tacagttatt	120		
125	ccccctggac ttactcgaga acaagaaaga gcttatatacg tgcaactgca gatagaagac	180		
127	ctgactcgta aactgcgcac aggagacctg ggcattcccc ctaaccctga ggacaggtcc	240		
129	ccttcccctg agcccatcta caatagcgag gggaaagcggc ttaacacccg agagttccgc	300		
131	acccgcaaaa agcttggaaa ggagcggcac aacctcatca cagagatggc tgcactcaat	360		
133	ccggatttca agccacctgc agattacaaa cctccagcaa cacgtgtgag tgataaagtc	420		
135	atgattccac aagatgagta cccagaaatc aactttgtgg ggctgctcat cgggcccaga	480		
137	ggaaacaccc tgaagaacat agagaaggag tgcaatgcc agattatgtat ccggggaaaa	540		
139	gggtctgtga aagaaggaa gggtggcgc aaagatggcc agatgttgcc aggagaagat	600		
141	gagccacttc atgcccttgt tactgccaat acaatggaga acgtcaaaaa ggcagtgaa	660		
143	cagataagaa acatcctgaa gcagggtatc gagactccag aggaccagaa tgatctacgg	720		
145	aagatgcagc ttccggagtt ggctcgctt aatgggaccc ttccggaaaga cgataacagg	780		
147	atcttaagac cctggcagag ctcagagacc cgcagcatta ccaacaccac agtgtgtacc	840		
149	aagtgtggag gggctggcca cattgcttca gactgttaat tccaaaggcc tggtgatcct	900		
151	cagttagtc aggataaagc acggatggat aaagaatatt tgcctctat ggctgaactg	960		
153	ggtaagcac ctgtcccagc atctgtggc tccacctctg ggcctgccac cacaccctg	1020		
155	gccagcgcac ctcgtcctgc tgcctccgc aacaaccac ctccaccgtc tctcatgtct	1080		
157	accacccaga gcccccacc ctggatgaat tctggccctt cagagatgc gccctaccac	1140		
159	ggcatgcac gaggtggtcc tggtggccgg ggaggtggcc cccacagctt cccacaccca	1200		
161	ttacccagcc tgacaggtgg gcatggtgga catcccatgc agcacaaccc caatggaccc	1260		
163	ccacccctt ggatgcagcc accaccacca ccgatgaacc agggccccc ccctcctggg	1320		
165	caccatggcc ctccctccaat ggatcagtagc ctggaaagta cgcctgtggg ctctgggtc	1380		
167	tatcgctgc atcaaggaaa aggtatgtat cgcaccac ctatggcat gatgcccg	1440		

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Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\08062002\J038010.raw

169 ccggccgcccgc ctcccagtgg gcagccccca ccccctccct ctggtcctct tccccatgg 1500
171 caacaacagc agcagcagcc tccgccaccc cctccgccc gcagcagtat ggcttccagt 1560
173 accccccttgc catggcagca aaatacgacg actaccacca cgagcgctgg cacagggtcc 1620
175 atcccggcat ggcacacagca gcaggcgct gccgcagctt ctccaggagc ccctcagatg 1680
177 caaggcaacc ccactatggt gcccctgccc cccggggtcc agccgcctct gccgcctggg 1740
179 gcccctcccc ctccgccc tccaccgcct gttccgccc gcatgtatgat ccctccccgc 1800
181 ggccggcgatg gcccggcca tgagagttag gactttccgc gcccattggt gacccttcca 1860
183 ggccagacagc ctcagcaacg cccctggtgg acaggatggt tcggcaaagc agcctga 1917

186 <210> SEQ ID NO: 4

187 <211> LENGTH: 638

188 <212> TYPE: PRT

189 <213> ORGANISM: Homo sapiens

191 <220> FEATURE:

W--> 192 <221> NAME/KEY: Human Splicing Factor 1

193 <222> LOCATION: (1)..(638)

194 <223> OTHER INFORMATION:

197 <400> SEQUENCE: 4

199	Met Ala Thr Gly Ala Asn Ala Thr Pro Leu Asp Phe Pro Ser Lys Lys
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203	Arg Lys Arg Ser Arg Trp Asn Gln Asp Thr Met Glu Gln Lys Thr Val
204	20 25 30
207	Ile Pro Gly Met Pro Thr Val Ile Pro Pro Gly Leu Thr Arg Glu Gln
208	35 40 45
211	Glu Arg Ala Tyr Ile Val Gln Leu Gln Ile Glu Asp Leu Thr Arg Lys
212	50 55 60
215	Leu Arg Thr Gly Asp Leu Gly Ile Pro Pro Asn Pro Glu Asp Arg Ser
216	65 70 75 80
219	Pro Ser Pro Glu Pro Ile Tyr Asn Ser Glu Gly Lys Arg Leu Asn Thr
220	85 90 95
223	Arg Glu Phe Arg Thr Arg Lys Lys Leu Glu Glu Arg His Asn Leu
224	100 105 110
227	Ile Thr Glu Met Val Ala Leu Asn Pro Asp Phe Lys Pro Pro Ala Asp
228	115 120 125
231	Tyr Lys Pro Pro Ala Thr Arg Val Ser Asp Lys Val Met Ile Pro Gln
232	130 135 140
235	Asp Glu Tyr Pro Glu Ile Asn Phe Val Gly Leu Leu Ile Gly Pro Arg
236	145 150 155 160
239	Gly Asn Thr Leu Lys Asn Ile Glu Lys Glu Cys Asn Ala Lys Ile Met
240	165 170 175
243	Ile Arg Gly Lys Gly Ser Val Lys Glu Gly Lys Val Gly Arg Lys Asp
244	180 185 190
247	Gly Gln Met Leu Pro Gly Glu Asp Glu Pro Leu His Ala Leu Val Thr
248	195 200 205
251	Ala Asn Thr Met Glu Asn Val Lys Lys Ala Val Glu Gln Ile Arg Asn
252	210 215 220
255	Ile Leu Lys Gln Gly Ile Glu Thr Pro Glu Asp Gln Asn Asp Leu Arg
256	225 230 235 240
259	Lys Met Gln Leu Arg Glu Leu Ala Arg Leu Asn Gly Thr Leu Arg Glu
260	245 250 255

RAW SEQUENCE LISTING
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Output Set: N:\CRF4\08062002\J038010.raw

263 Asp Asp Asn Arg Ile Leu Arg Pro Trp Gln Ser Ser Glu Thr Arg Ser
264 260 265 270
267 Ile Thr Asn Thr Thr Val Cys Thr Lys Cys Gly Gly Ala Gly His Ile
268 275 280 285
271 Ala Ser Asp Cys Lys Phe Gln Arg Pro Gly Asp Pro Gln Ser Ala Gln
272 290 295 300
275 Asp Lys Ala Arg Met Asp Lys Glu Tyr Leu Ser Leu Met Ala Glu Leu
276 305 310 315 320
279 Gly Glu Ala Pro Val Pro Ala Ser Val Gly Ser Thr Ser Gly Pro Ala
280 325 330 335
283 Thr Thr Pro Leu Ala Ser Ala Pro Arg Pro Ala Ala Pro Ala Asn Asn
284 340 345 350
287 Pro Pro Pro Pro Ser Leu Met Ser Thr Thr Gln Ser Arg Pro Pro Trp
288 355 360 365
291 Met Asn Ser Gly Pro Ser Glu Ser Arg Pro Tyr His Gly Met His Gly
292 370 375 380
295 Gly Gly Pro Gly Gly Pro Gly Gly Pro His Ser Phe Pro His Pro
296 385 390 395 400
299 Leu Pro Ser Leu Thr Gly Gly His Gly Gly His Pro Met Gln His Asn
300 405 410 415
303 Pro Asn Gly Pro Pro Pro Pro Trp Met Gln Pro Pro Pro Pro Pro Met
304 420 425 430
307 Asn Gln Gly Pro His Pro Pro Gly His His Gly Pro Pro Pro Met Asp
308 435 440 445
311 Gln Tyr Leu Gly Ser Thr Pro Val Gly Ser Gly Val Tyr Arg Leu His
312 450 455 460
315 Gln Gly Lys Gly Met Met Pro Pro Pro Pro Met Gly Met Met Pro Pro
316 465 470 475 480
319 Pro Pro Pro Pro Pro Ser Gly Gln Pro Pro Pro Pro Pro Ser Gly Pro
320 485 490 495
323 Leu Pro Pro Trp Gln Gln Gln Gln Gln Pro Pro Pro Pro Pro Pro
324 500 505 510
327 Pro Ser Ser Ser Met Ala Ser Ser Thr Pro Leu Pro Trp Gln Gln Asn
328 515 520 525
331 Thr Thr Thr Thr Thr Ser Ala Gly Thr Gly Ser Ile Pro Pro Trp
332 530 535 540
335 Gln Gln Gln Ala Ala Ala Ala Ser Pro Gly Ala Pro Gln Met
336 545 550 555 560
339 Gln Gly Asn Pro Thr Met Val Pro Leu Pro Pro Gly Val Gln Pro Pro
340 565 570 575
343 Leu Pro Pro Gly Ala Pro Pro Pro Pro Pro Pro Pro Pro Pro Gly Ser
344 580 585 590
347 Ala Gly Met Met Ile Pro Pro Arg Gly Gly Asp Gly Pro Ser His Glu
348 595 600 605
351 Ser Glu Asp Phe Pro Arg Pro Leu Val Thr Leu Pro Gly Arg Gln Pro
352 610 615 620
355 Gln Gln Arg Pro Trp Trp Thr Gly Trp Phe Gly Lys Ala Ala
356 625 630 635
359 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/038,010

DATE: 08/06/2002
TIME: 13:16:30

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\08062002\J038010.raw

360 <211> LENGTH: 1173
361 <212> TYPE: DNA
362 <213> ORGANISM: mouse p53
364 <220> FEATURE:
365 <221> NAME/KEY: gene
366 <222> LOCATION: (1)..(1173)
367 <223> OTHER INFORMATION: mouse p53 : Tumour suppressor protein
370 <400> SEQUENCE: 5

371 atgactgcca tggaggagtc acagtcggat atcagcctcg agtccctct gagccaggag	60
373 acattttagt gcttatggaa actacttccct ccagaagata tcctgccatc acctcactgc	120
375 atggacgatc tggctgtgcc ccaggatgtt gaggagttt ttgaaggccc aagtgaagcc	180
377 ctccgagtgt caggagctcc tgcaagcacag gaccctgtca ccgagacccc tggccagcg	240
379 gccctgccc cagccactcc atggcccctg tcatactttt tcccttctca aaaaacttac	300
381 cagggcaact atggcttcca cctgggcttc ctgcagtctg ggacagccaa gtctgttatg	360
383 tgcacgtact ctcccccct caataagcta ttctgccagc tggcgaagac gtccctgtg	420
385 cagttgtggg tcagcgccac acctccagct gggagccgtg tccgcgcctat ggcattctac	480
387 aagaagtac agcacatgac ggaggtcgta agacgctgcc cccaccatga gcgcgtctcc	540
389 gatggtgatg gcctggctcc tccccagcat cttatccggg tggaggaaa tttgtatccc	600
391 gagtatctgg aagacaggca gactttcgc cacagctgg tggtaacctt tgagccaccc	660
393 gaggccggct ctgagtatac caccatccac tacaagtaca tgtgtaatag ctccctgcatt	720
395 gggggcatga accgcccacc taccccttacc atcatcacac tggaaagactc cagtggAAC	780
397 cttctgggac gggacagctt tgaggctgt gtttgtgcct gccctggag agaccggcgt	840
399 acagaagaag aaaattccg caaaaaggaa gtccttgcc ctgaactgcc cccagggagc	900
401 gcaaagagag cgctgcccac ctgcacaagc gcctctcccc cgcaaaagaa aaaaccactt	960
403 gatggagagt attcaccct caagatccgc gggcgtaaac gcttcgagat gttccggag	1020
405 ctqaatgagg ccttagagtt aaaggatgcc catgctacag aggagtctgg agacagcagg	1080
407 gctcactcca gctacctgaa gaccaagaag ggccagtcta cttcccgcca taaaaaaaaca	1140
409 atggtaaga aagtggggcc tgactcagac tga	1173

412 <210> SEQ ID NO: 6

413 <211> LENGTH: 390

414 <212> TYPE: PRT

415 <213> ORGANISM: mouse p53

417 <220> FEATURE:

W--> 418 <221> NAME/KEY: p53

419 <222> LOCATION: (1)..(390)

420 <223> OTHER INFORMATION:

423 <400> SEQUENCE: 6

425 Met Thr Ala Met Glu Glu Ser Gln Ser Asp Ile Ser Leu Glu Leu Pro	
426 1 5 10 15	
429 Leu Ser Gln Glu Thr Phe Ser Gly Leu Trp Lys Leu Leu Pro Pro Glu	
430 20 25 30	
433 Asp Ile Leu Pro Ser Pro His Cys Met Asp Asp Leu Leu Pro Gln	
434 35 40 45	
437 Asp Val Glu Glu Phe Phe Glu Gly Pro Ser Glu Ala Leu Arg Val Ser	
438 50 55 60	
441 Gly Ala Pro Ala Ala Gln Asp Pro Val Thr Glu Thr Pro Gly Pro Ala	
442 65 70 75 80	
445 Ala Pro Ala Pro Ala Thr Pro Trp Pro Leu Ser Ser Phe Val Pro Ser	
446 85 90 95	

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/038,010

DATE: 08/06/2002
TIME: 13:16:31

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\08062002\J038010.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:58 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:192 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:418 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:604 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:794 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:901 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:1009 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14
L:1061 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
L:1127 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:1209 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20
L:1343 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22
L:1535 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:24
L:1601 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26
L:1643 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28
L:1681 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:30
L:1721 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32
L:1767 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:34
L:1805 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36
L:1845 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38
L:1891 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:40
L:1943 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:42
L:2023 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44
L:2129 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:46
L:2305 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:48
L:2577 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:50
L:2821 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:52
L:3005 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:54
L:3215 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:56
L:3463 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:58
L:3579 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:60